



[illegible]

228	14.2	74.7	915	22	AA007629	Human, secreted pro
229	14.2	74.7	921	21	AA015788	Human prostate can
230	14.2	74.7	921	24	AA015788	Human ovarian anti
231	14.2	74.7	935	22	AA024775	Human breast cancer
232	14.2	74.7	964	21	AA056761	Human transmembran
233	14.2	74.7	967	24	AA056761	Human genomic DNA
234	14.2	74.7	971	23	AA056761	Human secreted pro
235	14.2	74.7	973	24	AA056761	Human liver cDNA c
236	14.2	74.7	978	24	AA056761	Human NP-2E activat
237	14.2	74.7	998	24	AA056761	Human osteoblast d
238	14.2	74.7	999	22	AA056761	Human osteoblast d
239	14.2	74.7	1000	16	AA075931	Human encoding rna
240	14.2	74.7	1037	21	AA075931	Human kappa opioi
241	14.2	74.7	1041	20	AA06824	Human secreted pro
242	14.2	74.7	1052	21	AA06824	Gene No. 13 encodi
243	14.2	74.7	1065	21	AA012963	Human secreted pro
244	14.2	74.7	1065	21	AA012963	Human secreted pro
245	14.2	74.7	1117	19	AA041197	Human secreted pro
246	14.2	74.7	1142	17	AA012550	Human kappa opioi
247	14.2	74.7	1143	18	AA012550	Human kappa opioi
248	14.2	74.7	1143	24	AA018011	Human neurofilamen
249	14.2	74.7	1150	22	AA066456	Human neurofilamen
250	14.2	74.7	1150	22	AA066456	Human neurofilamen
251	14.2	74.7	1150	22	AA066456	Human neurofilamen
252	14.2	74.7	1150	22	AA066456	Human neurofilamen
253	14.2	74.7	1150	22	AA066456	Human neurofilamen
254	14.2	74.7	1150	22	AA066456	Human neurofilamen
255	14.2	74.7	1150	22	AA066456	Human neurofilamen
256	14.2	74.7	1150	22	AA066456	Human neurofilamen
257	14.2	74.7	1150	22	AA066456	Human neurofilamen
258	14.2	74.7	1150	22	AA066456	Human neurofilamen
259	14.2	74.7	1150	22	AA066456	Human neurofilamen
260	14.2	74.7	1150	22	AA066456	Human neurofilamen
261	14.2	74.7	1150	22	AA066456	Human neurofilamen
262	14.2	74.7	1150	22	AA066456	Human neurofilamen
263	14.2	74.7	1150	22	AA066456	Human neurofilamen
264	14.2	74.7	1150	22	AA066456	Human neurofilamen
265	14.2	74.7	1150	22	AA066456	Human neurofilamen
266	14.2	74.7	1150	22	AA066456	Human neurofilamen
267	14.2	74.7	1150	22	AA066456	Human neurofilamen
268	14.2	74.7	1150	22	AA066456	Human neurofilamen
269	14.2	74.7	1150	22	AA066456	Human neurofilamen
270	14.2	74.7	1150	22	AA066456	Human neurofilamen
271	14.2	74.7	1150	22	AA066456	Human neurofilamen
272	14.2	74.7	1150	22	AA066456	Human neurofilamen
273	14.2	74.7	1150	22	AA066456	Human neurofilamen
274	14.2	74.7	1150	22	AA066456	Human neurofilamen
275	14.2	74.7	1150	22	AA066456	Human neurofilamen
276	14.2	74.7	1150	22	AA066456	Human neurofilamen
277	14.2	74.7	1150	22	AA066456	Human neurofilamen
278	14.2	74.7	1150	22	AA066456	Human neurofilamen
279	14.2	74.7	1150	22	AA066456	Human neurofilamen
280	14.2	74.7	1150	22	AA066456	Human neurofilamen
281	14.2	74.7	1150	22	AA066456	Human neurofilamen
282	14.2	74.7	1150	22	AA066456	Human neurofilamen
283	14.2	74.7	1150	22	AA066456	Human neurofilamen
284	14.2	74.7	1150	22	AA066456	Human neurofilamen
285	14.2	74.7	1150	22	AA066456	Human neurofilamen
286	14.2	74.7	1150	22	AA066456	Human neurofilamen
287	14.2	74.7	1150	22	AA066456	Human neurofilamen
288	14.2	74.7	1150	22	AA066456	Human neurofilamen
289	14.2	74.7	1150	22	AA066456	Human neurofilamen
290	14.2	74.7	1150	22	AA066456	Human neurofilamen
291	14.2	74.7	1150	22	AA066456	Human neurofilamen
292	14.2	74.7	1150	22	AA066456	Human neurofilamen
293	14.2	74.7	1150	22	AA066456	Human neurofilamen
294	14.2	74.7	1150	22	AA066456	Human neurofilamen
295	14.2	74.7	1150	22	AA066456	Human neurofilamen
296	14.2	74.7	1150	22	AA066456	Human neurofilamen
297	14.2	74.7	1150	22	AA066456	Human neurofilamen
298	14.2	74.7	1150	22	AA066456	Human neurofilamen
299	14.2	74.7	1150	22	AA066456	Human neurofilamen
300	14.2	74.7	1150	22	AA066456	Human neurofilamen
301	14.2	74.7	1150	22	AA066456	Human neurofilamen

Ref.	Str.	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	77-78	79-80	81-82	83-84	85-86	87-88	89-90	91-92	93-94	95-96	97-98	99-100	101-102	103-104	105-106	107-108	109-110	111-112	113-114	115-116	117-118	119-120	121-122	123-124	125-126	127-128	129-130	131-132	133-134	135-136	137-138	139-140	141-142	143-144	145-146	147-148	149-150	151-152	153-154	155-156	157-158	159-160	161-162	163-164	165-166	167-168	169-170	171-172	173-174	175-176	177-178	179-180	181-182	183-184	185-186	187-188	189-190	191-192	193-194	195-196	197-198	199-200	201-202	203-204	205-206	207-208	209-210	211-212	213-214	215-216	217-218	219-220	221-222	223-224	225-226	227-228	229-230	231-232	233-234	235-236	237-238	239-240	241-242	243-244	245-246	247-248	249-250	251-252	253-254	255-256	257-258	259-260	261-262	263-264	265-266	267-268	269-270	271-272	273-274	275-276	277-278	279-280	281-282	283-284	285-286	287-288	289-290	291-292	293-294	295-296	297-298	299-300	301-302	303-304	305-306	307-308	309-310	311-312	313-314	315-316	317-318	319-320	321-322	323-324	325-326	327-328	329-330	331-332	333-334	335-336	337-338	339-340	341-342	343-344	345-346	347-348	349-350	351-352	353-354	355-356	357-358	359-360	361-362	363-364	365-366	367-368	369-370	371-372	373-374	375-376	377-378	379-380	381-382	383-384	385-386	387-388	389-390	391-392	393-394	395-396	397-398	399-400	401-402	403-404	405-406	407-408	409-410	411-412	413-414	415-416	417-418	419-420	421-422	423-424	425-426	427-428	429-430	431-432	433-434	435-436	437-438	439-440	441-442	443-444	445-446	447-448	449-450	451-452	453-454	455-456	457-458	459-460	461-462	463-464	465-466	467-468	469-470	471-472	473-474	475-476	477-478	479-480	481-482	483-484	485-486	487-488	489-490	491-492	493-494	495-496	497-498	499-500	501-502	503-504	505-506	507-508	509-510	511-512	513-514	515-516	517-518	519-520	521-522	523-524	525-526	527-528	529-530	531-532	533-534	535-536	537-538	539-540	541-542	543-544	545-546	547-548	549-550	551-552	553-554	555-556	557-558	559-560	561-562	563-564	565-566	567-568	569-570	571-572	573-574	575-576	577-578	579-580	581-582	583-584	585-586	587-588	589-590	591-592	593-594	595-596	597-598	599-600	601-602	603-604	605-606	607-608	609-610	611-612	613-614	615-616	617-618	619-620	621-622	623-624	625-626	627-628	629-630	631-632	633-634	635-636	637-638	639-640	641-642	643-644	645-646	647-648	649-650	651-652	653-654	655-656	657-658	659-660	661-662	663-664	665-666	667-668	669-670	671-672	673-674	675-676	677-678	679-680	681-682	683-684	685-686	687-688	689-690	691-692	693-694	695-696	69
------	------	-----	-----	-----	-----	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	----

[illegible]

[illegible]



```

XX 13.4 70.5 6825 17 AAL59662
XX 13.4 70.5 6825 22 AAL52204
XX 13.4 70.5 6668 23 AAL04797
XX 13.4 70.5 4009 24 AIN56991
XX 13.4 70.5 4025 18 AAL1361
XX 13.4 70.5 4055 23 AAL13406
XX 13.4 70.5 4230 24 AAK64776
XX 13.4 70.5 4256 24 AAL69127
XX 13.4 70.5 4833 23 AAL17440
XX 13.4 70.5 5670 24 AAL18619
XX 13.4 70.5 5698 12 AAL15284
XX 13.4 70.5 5678 24 AIN86172
XX 13.4 70.5 5868 24 AAL04354
XX 13.4 70.5 6135 22 AAL13642
XX 13.4 70.5 6312 16 AAL24814
XX 13.4 70.5 6312 17 AAL29193
XX 13.4 70.5 6312 17 AAL06996
XX 13.4 70.5 6470 21 AAL00171
XX 13.4 70.5 6451 24 AAS00553
XX 13.4 70.5 6451 24 AAK97434
XX 13.4 70.5 6455 24 AAL05075
XX 13.4 70.5 6787 22 AAK60432
XX 13.4 70.5 6798 22 AAL190051
XX 13.4 70.5 6799 22 AAL17431
XX 13.4 70.5 6799 23 AAK44028
XX 13.4 70.5 6805 23 AAL14110
XX 13.4 70.5 6939 23 AAL07655
XX 13.4 70.5 8042 23 AAL22258
XX 13.4 70.5 8093 22 AAK60934
XX 13.4 70.5 8252 23 AAG09160
XX 13.4 70.5 9052 23 AAL18618
XX 13.4 70.5 9097 22 AAL21144
XX 13.4 70.5 9055 23 AAK43449
XX 13.4 70.5 11165 23 AAK43448
XX 13.4 70.5 11434 22 AAK60405
XX 13.4 70.5 11450 22 AAK60409
XX 13.4 70.5 13501 22 AAK60047
XX 13.4 70.5 13667 18 AAL35475
XX 13.4 70.5 15581 18 AAL14355
XX 13.4 70.5 16477 22 AAL20494
XX 13.4 70.5 16477 22 AAL09084
XX 13.4 70.5 17457 22 AAL21143

```

## ALIGNMENTS

```

RESULTS:
D: AAL59662 Standard: cDNA, 1760 bp.
XX
XX AAL59662
XX
XX 13.4 70.5 6825 17 AAL59662
XX
XX Human Breast Tumor associated EST 13.
XX
XX Expressed sequence tag: EST: human; breast cancer cDNA; cDNA;
XX Treatment: Tumor; cytotat (v); medication: yes.
XX
XX Human sapiens.
XX
XX 13.4 70.5 6825 17 AAL59662
XX
XX 13.4 70.5 6825 22 AAL52204
XX
XX 13.4 70.5 6668 23 AAL04797
XX
XX 13.4 70.5 4009 24 AIN56991
XX
XX 13.4 70.5 4025 18 AAL1361
XX
XX 13.4 70.5 4055 23 AAL13406
XX
XX 13.4 70.5 4230 24 AAK64776
XX
XX 13.4 70.5 4256 24 AAL69127
XX
XX 13.4 70.5 4833 23 AAL17440
XX
XX 13.4 70.5 5670 24 AAL18619
XX
XX 13.4 70.5 5698 12 AAL15284
XX
XX 13.4 70.5 5678 24 AIN86172
XX
XX 13.4 70.5 5868 24 AAL04354
XX
XX 13.4 70.5 6135 22 AAL13642
XX
XX 13.4 70.5 6312 16 AAL24814
XX
XX 13.4 70.5 6312 17 AAL29193
XX
XX 13.4 70.5 6312 17 AAL06996
XX
XX 13.4 70.5 6470 21 AAL00171
XX
XX 13.4 70.5 6451 24 AAS00553
XX
XX 13.4 70.5 6451 24 AAK97434
XX
XX 13.4 70.5 6455 24 AAL05075
XX
XX 13.4 70.5 6787 22 AAK60432
XX
XX 13.4 70.5 6798 22 AAL190051
XX
XX 13.4 70.5 6799 22 AAL17431
XX
XX 13.4 70.5 6799 23 AAK44028
XX
XX 13.4 70.5 6805 23 AAL14110
XX
XX 13.4 70.5 6939 23 AAL07655
XX
XX 13.4 70.5 8042 23 AAL22258
XX
XX 13.4 70.5 8093 22 AAK60934
XX
XX 13.4 70.5 8252 23 AAG09160
XX
XX 13.4 70.5 9052 23 AAL18618
XX
XX 13.4 70.5 9097 22 AAL21144
XX
XX 13.4 70.5 9055 23 AAK43449
XX
XX 13.4 70.5 11165 23 AAK43448
XX
XX 13.4 70.5 11434 22 AAK60405
XX
XX 13.4 70.5 11450 22 AAK60409
XX
XX 13.4 70.5 13501 22 AAK60047
XX
XX 13.4 70.5 13667 18 AAL35475
XX
XX 13.4 70.5 15581 18 AAL14355
XX
XX 13.4 70.5 16477 22 AAL20494
XX
XX 13.4 70.5 16477 22 AAL09084
XX
XX 13.4 70.5 17457 22 AAL21143

```

```

XX 13.4 70.5 6825 17 AAL59662
XX 13.4 70.5 6825 22 AAL52204
XX 13.4 70.5 6668 23 AAL04797
XX 13.4 70.5 4009 24 AIN56991
XX 13.4 70.5 4025 18 AAL1361
XX 13.4 70.5 4055 23 AAL13406
XX 13.4 70.5 4230 24 AAK64776
XX 13.4 70.5 4256 24 AAL69127
XX 13.4 70.5 4833 23 AAL17440
XX 13.4 70.5 5670 24 AAL18619
XX 13.4 70.5 5698 12 AAL15284
XX 13.4 70.5 5678 24 AIN86172
XX 13.4 70.5 5868 24 AAL04354
XX 13.4 70.5 6135 22 AAL13642
XX 13.4 70.5 6312 16 AAL24814
XX 13.4 70.5 6312 17 AAL29193
XX 13.4 70.5 6312 17 AAL06996
XX 13.4 70.5 6470 21 AAL00171
XX 13.4 70.5 6451 24 AAS00553
XX 13.4 70.5 6451 24 AAK97434
XX 13.4 70.5 6455 24 AAL05075
XX 13.4 70.5 6787 22 AAK60432
XX 13.4 70.5 6798 22 AAL190051
XX 13.4 70.5 6799 22 AAL17431
XX 13.4 70.5 6799 23 AAK44028
XX 13.4 70.5 6805 23 AAL14110
XX 13.4 70.5 6939 23 AAL07655
XX 13.4 70.5 8042 23 AAL22258
XX 13.4 70.5 8093 22 AAK60934
XX 13.4 70.5 8252 23 AAG09160
XX 13.4 70.5 9052 23 AAL18618
XX 13.4 70.5 9097 22 AAL21144
XX 13.4 70.5 9055 23 AAK43449
XX 13.4 70.5 11165 23 AAK43448
XX 13.4 70.5 11434 22 AAK60405
XX 13.4 70.5 11450 22 AAK60409
XX 13.4 70.5 13501 22 AAK60047
XX 13.4 70.5 13667 18 AAL35475
XX 13.4 70.5 15581 18 AAL14355
XX 13.4 70.5 16477 22 AAL20494
XX 13.4 70.5 16477 22 AAL09084
XX 13.4 70.5 17457 22 AAL21143

```



[illegible]















































[illegible]

[illegible]













